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Serial No.: 09/580,515
Filed: May 25, 2000
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- b) culturing the plant cell, plant part or plant under conditions wherein said nucleotide sequence is expressed; and
- c) converting said plant cells, plant parts or plants into a composition suitable for animal feed, wherein the animal feed contains phytate and the phytase.

Please add the following new claims:

- 41. The method of claim 18, wherein the recombinant expression system comprises a vector containing the nucleic acid sequence encoding said phytase.
- 42. The method of claim 18, wherein said nucleotide sequence is preceded by a polynucleotide sequence encoding a signal peptide operably linked to said nucleotide sequence.
- 43. The method of claim 41, wherein the nucleic acid sequence is operably linked to a transcription control sequence operable in said plant cells, plant parts or plants.
- 44. The method of claim 43, wherein the control sequence comprises a tissue-specific promoter that is specific for the plant cells, plant parts or plants.
- 45. The method of claim 43, wherein the control sequence comprises a constitutive promoter.
- 46. The method of claim 18, wherein the phytase catalyzes liberation of inorganic phosphate from the phytate in the animal feed.
- 47. The method of claim 46, wherein the liberation occurs after the ingestion of said foodstuff by a recipient organism.